

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**REVOCATION OF POWER OF ATTORNEY
WITH NEW POWER OF ATTORNEY AND
CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Vanderbilt University, a university organized and existing under the laws of Tennessee, having a place of business at **1207 17th Avenue S., Suite 105, Nashville, Tennessee 37212**, is assignee of total interest in the patent applications identified in the attached Schedule A. An assignment from the inventor(s) of the patent applications to **Vanderbilt University** identified in the Schedule A were recorded in the U.S. Patent and Trademark Office at the reel and frame listed on the Schedule A.

Pursuant to 37 C.F.R. § 3.73(c), the undersigned, who is empowered to act on behalf of the Assignee, hereby declares that undersigned has reviewed the evidentiary documents of the chain of title and certifies that, to the best of Assignee's knowledge and belief, title to the patent applications list on the Schedule A is with the Assignee.

Assignee hereby revokes any and all previous Powers of Attorney in the above-identified application and hereby appoints, both jointly and severally, the practitioners associated with as its

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attorneys and agents with full power of substitution and revocation, to prosecute said patent applications, including any and all continuation, divisional, renewal, substitute, reexamination and reissue applications based in whole or in part on said applications, before the U.S. Patent and Trademark Office, to transact all business in the U.S. Patent and Trademark Office connected therewith, including receiving any Letters Patent issuing thereon, and to take any and all other legal action with regard to the patent applications listed on the Schedule A.

All correspondence and telephone communications listed Schedule A should be addressed to:

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which corresponds to the following:

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Dated: Nov 30, 2012

By: Jenifer Elmer
Name: JENIFER ELMER
Title: Director of Commercial Operations
Center for Technology Transfer
On behalf of Vanderbilt University and Commercialization

SCHEDULE A

Atty Docket No.	Application No.	Filing Date	Inventor Assn Reel/Frame
74847.000043	09/323,472	06-01-1999	010129/0376
74847.000044	09/585,077	06-01-2000	010129/0376
74847.000048	09/989,956	11-21-2001	010129/0376
74847.000006	10/785,374	02-24-2004	028101/0396
74847.000005	12/122,117	05-16-2008	010129/0376
74847.000047	13/456,014	04-25-2012	010129/0376
74847.000007	12/322,434	02-02-2009	022333/0159
74847.000040	13/331,678	12-20-2011	022333/0159
74847.000004	12/364,078	02-02-2009	023165/0173